

#### Grade 4:

- Play board games (like Monopoly and LIFE)
- Practice adding multi-digit numbers by planning a menu or totalling the food bill using a grocery store flyer or restaurant menu.
- Play math games with your child. For example, "I'm thinking of two numbers whose product is between 20 and 30. How many pairs can you think of that would answer this problem?" Have your child explain the solutions.
- Encourage your child to write or describe numbers in different ways. For example, "What are some different ways to make 1450?"  $1450 = 1$  thousand, 4 hundreds, 5 tens, and 0 ones, or  $1000 + 450$ , or 14 hundreds and 50 ones.
- Choose playing cards to make numbers up to 6-digits. Practice adding and subtracting the numbers. Explain the expanded place value of each number.
- Choose playing cards to make 2, 3, and 4-digit numbers. Place a series of multidigit numbers in order from least to greatest
- Use everyday objects to allow your child to explore the concept of fractions. For example, use measuring cups to have your child demonstrate how many  $\frac{1}{3}$ 's are in a whole, how many  $\frac{1}{4}$  cups you need to make  $1\frac{1}{4}$  cups, and how many times you have to refill a  $\frac{1}{2}$  cup measure to make  $1\frac{1}{2}$  cups. • Reinforce fact fluency by using math websites, found on the Manchester K-8 Resource Page. • Play board games (like Monopoly) and dominoes (multiplication dominoes) to practice multi-digit fluency within adding, subtracting, multiplying and dividing
- Use dominos for fluency practice with addition, subtraction, multiplication and division.
  - Use the numbers on the domino to add, subtract, multiply or divide.
  - Use the numbers on the domino to make a 2-digit number. Add or subtract two 2-digit numbers
  - Use the numbers on the domino for the numerator and denominator of a fraction. Compare two fractions or find equivalent fractions
- [Card & dice games](#)